

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number
WO 2005/070988 A1

(51) International Patent Classification⁷: **C08G 18/76**,
18/44, 18/46, 18/38, A61L 27/18

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(21) International Application Number:
PCT/GB2005/000189

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(22) International Filing Date: 20 January 2005 (20.01.2005)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0401202.7 20 January 2004 (20.01.2004) GB

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(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

*For two-letter codes and other abbreviations, refer to the "Guidance
Notes on Codes and Abbreviations" appearing at the beginning
of each regular issue of the PCT Gazette.*

(54) Title: POLYMER FOR USE IN CONDUITS, MEDICAL DEVICES AND BIOMEDICAL SURFACE MODIFICATION

(57) Abstract: A copolymer comprising (a) one or more pendant group segments and (b) one or more polyol segments, each of said segments being linked to one or more further segments, and one or more of the pendant group segments being selected from: (i) siloxane segments; (ii) segments containing phosphoryl choline or a derivative or analogue thereof; (iii) segments containing a di- or trifluoromethyl group; (iv) heparin-like segments containing a group of formula: (XII) D-N=N-Ar-SO₃⁻; (v) segments containing a group of formula: (I) [P]_n-[Lys]_n-Lys-[Spacer]-Lys-[Al]_x in which D, Ar, P, Lys, Al, Spacer, x, n and n' are as defined herein, and wherein at least a part of each of said pendant group segment(s) is on a side chain of the copolymer. The copolymer is useful in the production of implantable devices such as vascular grafts.



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